

Mount Union Weather Station Meta Data Summary

Prescott, Arizona

Date of Station Installation: 08/16/1982



State: Arizona

County: Yavapai

Latitude: 34° 24' 41.7" (34.4116)

Longitude: 112°25' 05.7" (112.4182)

TRS: T12N-R2W-Section 1

Location: The top of Mt. Union, 10 miles SSE of Prescott

Time Zone: MST – all year

Data Repeater: Towers Mountain

Elevation: 7,495 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Flagstaff, 08

Archived: Yes, from date of sensor installation

Site Description: flat ground, Soil type – dirt/grass

Obstructions: 50' tower 10' NNW of station

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Flood Control District of Maricopa County

Detailed Sensor Data								
Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	1000	Since 07/10/92 10/01/87-07/10/92 05/01/83-10/01/87 08/16/82-05/01/83	Tipping Bucket	Hydrolynx	5050P	12.1	mm	Variable
Temperature	1001	12/11/87	Capacitive Ceramic THERMOCAP	Vaisala	WXT510	13.5	deg F/C	15 minutes
Relative Humidity	1002	12/01/94	Film Polymer HUMICAP	Vaisala	WXT510	13.5	%	15 minutes
Dewpoint (calculated)	1016	09/19/00	---	---	---	---	deg F	15 minutes



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